

Louis Sin

An engineering student with strong foundation and hands-on experience in academic and industry-level projects. Interested in learning new ways to make things easier. I believe I can offer your company great value.

TECHNICAL SKILLS

Programming & Markup Languages	JavaScript (Node.js), HTML, CSS, PHP, Python, Dart, C#, Java, PowerShell
Frameworks & Libraries	VueJS, ASP.NET, Flutter, Selenium, JUnit
Database Management	SQL (MySQL), LINQ
Source Control	Git, GitHub
Productivity	PowerApps, SharePoint, Power Automate, CoPilot Studio, Microsoft Office (Excel, Word, Powerpoint)
Creative Tools	Adobe Creative Cloud (Illustrator, Photoshop, XD, Premier Pro)

SOFT SKILLS

- Leadership
- Multitasking
- Problem-Solving
- Respectfulness
- Organization
- Flexibility

NOTABLE PROJECTS

Customized Study Path Planner Application

- Developed the application to replace the manual task of lecturers to plan a customised list of modules for a specific student in the school.
- Enables Users to view/edit a student's list of modules for a specific semester.
- Takes into a account of multiple requirements that would otherwise have been difficult if done manually.
- Stack:** Microsoft PowerApps & SharePoint.

Web Design Development + Open-Source Web Solutions Development

- Designed and developed hotel booking web application to facilitate hotel booking features over 10-Weeks
- Enables Users to view, search and book hotel rooms to stay in.
- Enables Administrators to perform CRUD operations.
- Stack:** HTML, CSS, jQuery, PHP, MySQL.

EDUCATION

Nanyang Polytechnic

(2023 - 2026)

Diploma in Infocomm and Media Engineering

- Represented Nanyang Polytechnic at the WorldSkills Singapore 2025 Competition, Competing under the "Web Technologies" skill trade & achieving a Medallion of Excellence.
- Attained Edusave Certificate of Academic Achievement (2024).
- Attained Distinctions in Python Programming, Internet & Web Development, Open Source Web Solutions Development and Software Engineering Practice.
- Nanyang Polytechnic Symphony Orchestra - Section Leader (AY2024/2025).

Montfort Secondary School

(2019 - 2022)

O Level Programme

- Edusave Merit Bursary (2019)
- Edusave Award for Achievement, Good Leadership and Service (EAGLES) (2022)
- Montfort Secondary School Military Band - Staff Sergeant - Section Leader (2021)
- Participated in Singapore Youth Festival Arts Presentation 2021, obtaining Certificate of Accomplishment
- Participated in various VIA projects (2019 - 2023)

St Stephen's School

(2013 - 2018)

Primary Education

WORK EXPERIENCE

The Coffee Bean & Tea Leaf®

(Sep 2024 - June 2025)

Barista (Part-Time)

- Prepare and serve specialty ice blends, coffees and teas.
- Took customer orders & assisted crew during high volume order periods.
- Managed inventories by refilling coffee grinders, powder trays for ice blends and tea pitchers.
- Assisted in store closing, such as deep cleaning of espresso machines, blenders and general cleaning of store premises.

SwiftX Solutions Pte Ltd

(2 June 2025 - 22 Aug 2025)

Software Developer (Internship)

- Conduct software testing, including functional and regression testing.
- Assist in troubleshooting and resolving IT and system-related issues.
- Support system administration tasks such as user account management and basic system monitoring.
- Document test cases, issues, and resolutions for reference and improvement.
- Assist in IT support tasks, including hardware and software troubleshooting.
- Provide general IT support and assist in maintaining company IT infrastructure.
- Attend team meetings and contribute to discussions on system improvements.
- Adhere to company policies and industry best practices in all activities.
- The tasks assigned might change from time to time depending on the individual to adapt and learn new skills.

INTERESTS & HOBBIES

- Building Scale Models of Military Assets
- Anime & Games

LANGUAGES

English

Native or Bilingual Proficiency